

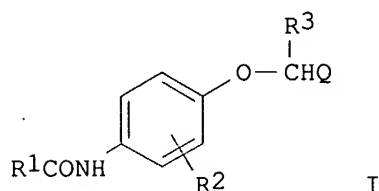


10/535,228

02/27/2007

L3 ANSWER 48 OF 48 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 1999:620484 CAPLUS <<LOGINID::20070227>>
DOCUMENT NUMBER: 131:243076
TITLE: Preparation of hydroxyanilines as herbicides
INVENTOR(S): Sato, Kazuo; Sano, Hiroki; Komai, Hiroyuki; Kudou,
Noriaki; Morimoto, Soji; Kadotani, Junji
PATENT ASSIGNEE(S): Sankyo Co., Ltd., Japan
SOURCE: Jpn. Kokai Tokkyo Koho, 43 pp.
CODEN: JKXXAF
DOCUMENT TYPE: Patent
LANGUAGE: Japanese
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 11263775	A	19990928	JP 1998-252600	19980907
PRIORITY APPLN. INFO.:			JP 1997-242967	A 19970908
OTHER SOURCE(S):	MARPAT	131:243076		
GI				



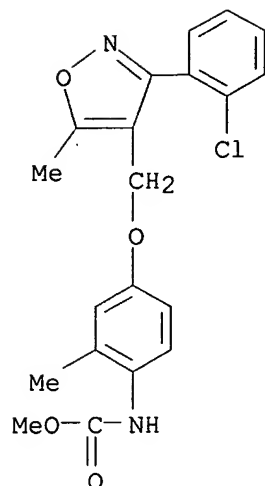
AB Title compds. I (R1 = alkoxy; R2 = alkyl, cycloalkyl, alkoxy, halo; R3 = H, alkyl; Q = heterocyclyl, except oxazolyl, 2-benzoxazolyl, thiazolyl, 2-benzothiazolyl) and their salts, useful as herbicides, are prepared Thus, reaction of 2-methyl-4-hydroxyaniline with 5-chloro-2-chloromethylthiophene in DMF in the presence of NaH gave 81.6% 4-(5-chlorothiophen-2-ylmethoxy)-2-methylaniline, reaction of which with Me chloroformate in CH2Cl2 in the presence of 4-dimethylaminopyridine gave 92.3% Me [4-(5-chlorothiophen-2-ylmethoxy)-2-methylphenyl]carbamate (II). II showed herbicidal activity at 20 g/are against Echinocloa crus-galli with no toxicity to rice.

IT 244175-45-9P 244175-46-0P
RL: AGR (Agricultural use); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of hydroxyanilines as herbicides)

RN 244175-45-9 CAPLUS

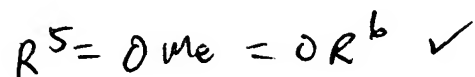
CN Carbamic acid, [4-[[3-(2-chlorophenyl)-5-methyl-4-isoxazolyl]methoxy]-2-methylphenyl]-, methyl ester (9CI) (CA INDEX NAME)

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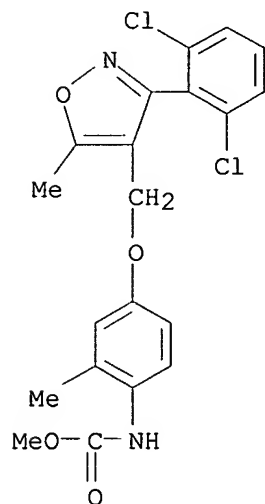
Claims 1, 2, 3, 4, 5, 6, 7, 8,
9, 10,

obj: 11, 12



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CN Carbamic acid, [4-[[3-(2,6-dichlorophenyl)-5-methyl-4-isoxazolyl]methoxy]-2-methylphenyl]-, methyl ester (9CI) (CA INDEX NAME)



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